

REMARKS

On page 2 of the last office action, all of the claims 1-14 are rejected under 35USC112 on the grounds that the claims include "means plus function" language which define the supervisor program embodied in the supervisor memory and the co-processor program embodied in the co-processor memory, but the memories do not actually contain any structures that perform the recited function. Instead, the functions that are recited are performed by the supervisor processor and by the co-processor.

Accordingly, by this amendment, the claims are modified to overcome the above rejection. In particular, the "means plus function" language which defines the supervisor processor memory now says the supervisor program includes means for "directing the supervisor processor to . . .", and the "means plus function" language which defines the co-processor memory says the co-processor program includes means for "directing the co-processor to . . .". The structures which perform these "directing" functions are the various instructions which are embedded in memories. The preferred embodiment of those instructions are shown in Figs. 6 and 7, and are described in the Detailed Description of those figures.

Also in claim 1 as modified, each particular "means for directing" is sequentially recited as the "first means for directing", "second means for directing", etc. This change simply makes it easier to reference a particular means for directing in the dependant claims 2-14.

Next, in the last office action, five U.S. patents are cited as related prior art, but they are not used to form the basis of any rejection. In any case, the cited five patents have now been carefully reviewed by the undersigned attorney, and it is respectfully submitted that they do not anticipate or make obvious the present invention as claimed.

Next, it is noted that the present application as originally filed has three blank spaces on page 1 in the section which is entitled "RELATED CASES". These blank spaces are for the serial numbers of two related cases and their filing date. So by this amendment, the three blank spaces are filled in.

Lastly, by this amendment, two typographical errors are corrected on page 23 of the Detailed Description. Specifically, the letters "al" in two occurrences of the word "internal" are changed to "et".

Based on the above Remarks, the present case should now be in a condition for allowance. Accordingly, entrance of this amendment and an early Notice of Allowance is requested.

Respectfully submitted,



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CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office,
Fax No. (571) 273-8300 on August 9, 2007.

Signature: 

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